

FEATURES AND BENEFITS

The Refrigerant Advantage:

- Kirloskar screw chillers are available with HFC 134a, HFC 407C refrigerants
- Ease of refrigerant availability

The Efficiency Advantage:

- Flooded type chillers: Best in the industry, full load and part load efficiency
- DX type chillers: Better efficient and life cycle costs
- High efficiencies obtained by use of enhanced surface copper tubes
- Use of high efficiency suction gas cooled motors

The Flexibility Advantage:

- Cooling capacity ranges from 50 TR (175 kW) to 555 TR (1950 kW)
- Eco-friendly refrigerants HFC 134a, HFC 407C
- Can be offered in SKD / CKD options for installations with very tight plant room approaches, such as for replacement.
- The chillers are used for various applications like human comfort, processing cooling, data center cooling, adiabatic cooling.
- Various options for electrical starters – Star-Delta, Soft Starters, VFDs
- Heat exchanger tube options – Cu, SS, Cu-Ni, Titanium.

The Reliability Advantage:

- Highly energy efficient & reliable compressor design
- Simple yet highly reliable oil management
- Well-designed oil recovery system in the flooded series eliminating any oil carryover issues.

The Controls Advantage:

User friendly K-Smart controller
Backlit LCD display, displaying the unit status in simple English
Easy BAS interface – Modbus, Bacnet, LonWorks
Fault history with date and time stamp
Auto lead lag for multiple chillers



MODELS

BRAVURA SERIES					
Water Cooled			Air Cooled		
Model No	Nominal TR	kW	Model No	Nominal TR	kW
KWF (HFC 134a)	115.1 ~ 555.3	405 ~ 1960	KA4 (HFC 134a)	085.1 ~ 410.3	300 ~ 1440
			KA4 (HFC 407C & HCFC 22)	125.1 ~ 540.3	440 ~ 1890
PRODIGY SERIES					
Water Cooled			Air Cooled		
Model No	Nominal TR	kW	Model No	Nominal TR	kW
KWK (HFC 134a)	120.1 ~ 395.2	420 ~ 1390	KAS (HFC 134a)	050.1 ~ 325.2	176 ~ 530
KWS (HFC 134a)	050.1 ~ 350.2	175 ~ 1230	KAS (HFC407C)	055.1 ~ 440.2	190 ~ 1550
KWI (HFC 134a)	145.0~ 475.0	510 ~ 1670			